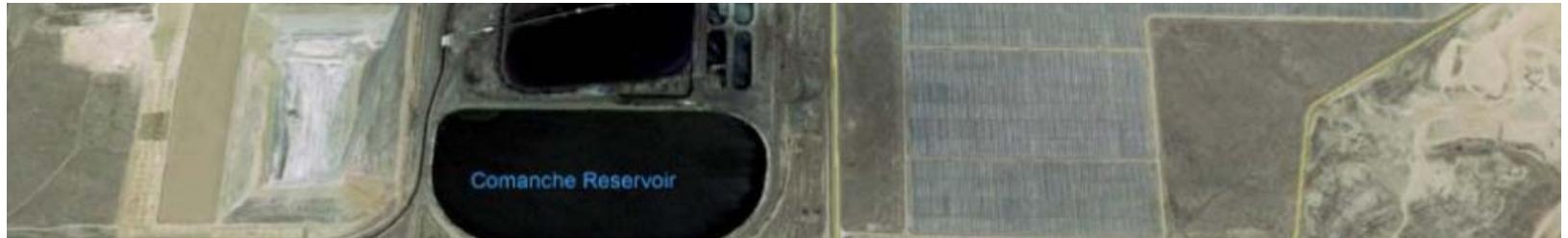
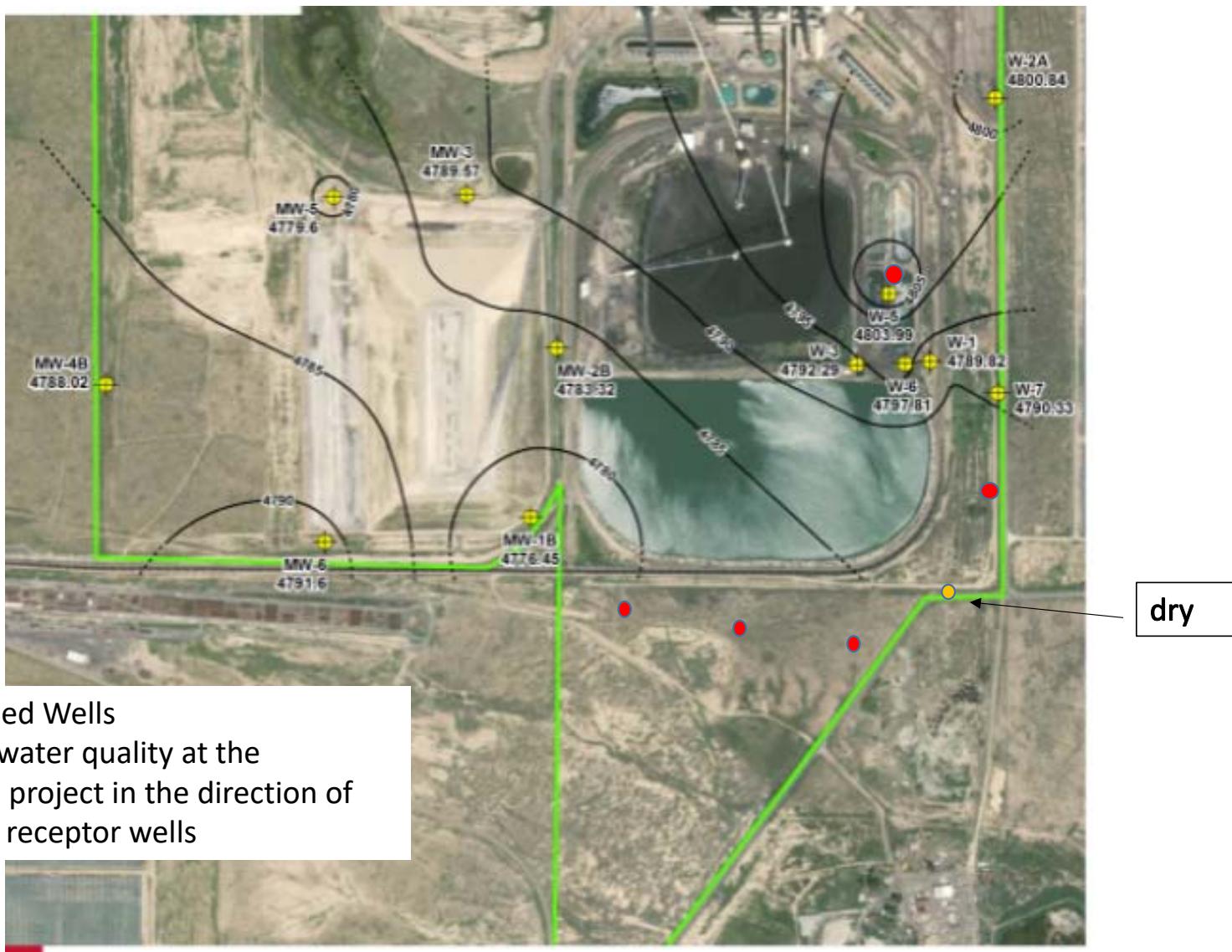


Comanche Station EPA Meeting
11/24/2020



- Off-site wells identified to south and east





- Woodward and Clyde 1987
 - TH-73, TH-184, TH-185, TH-186

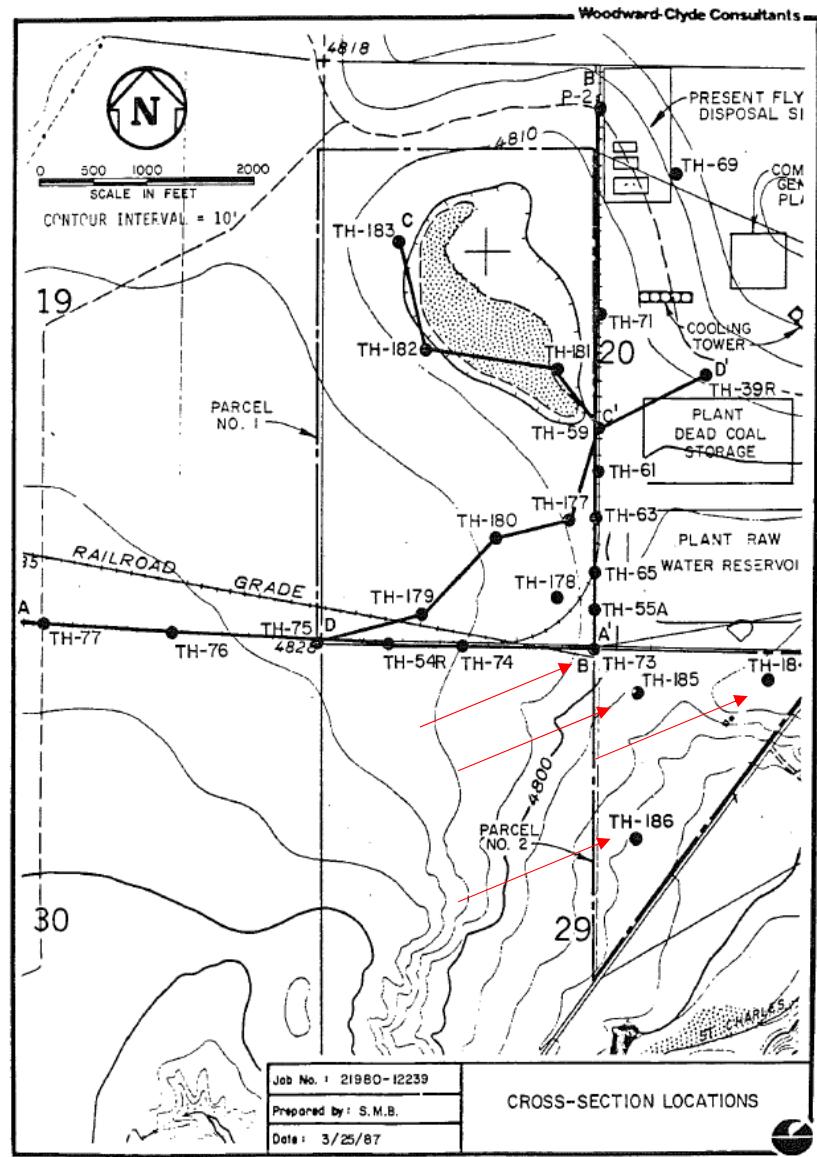
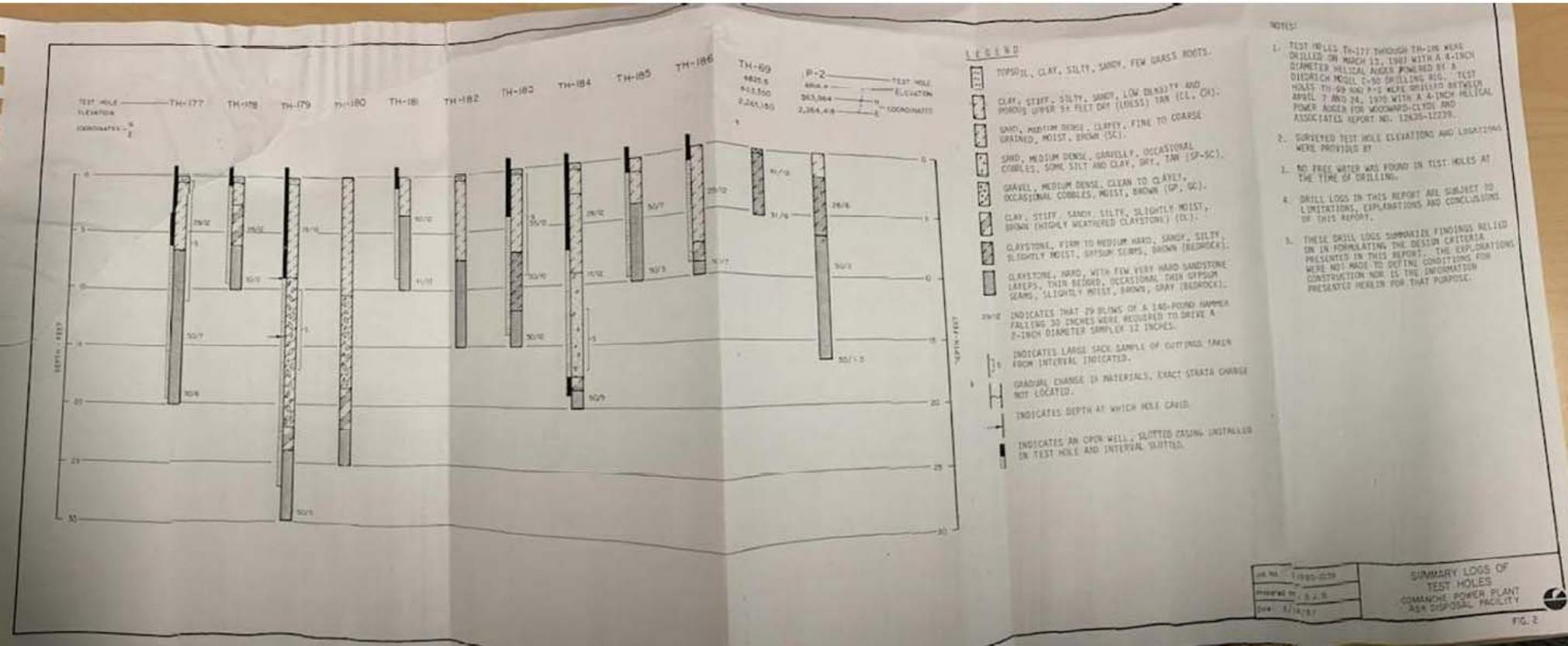
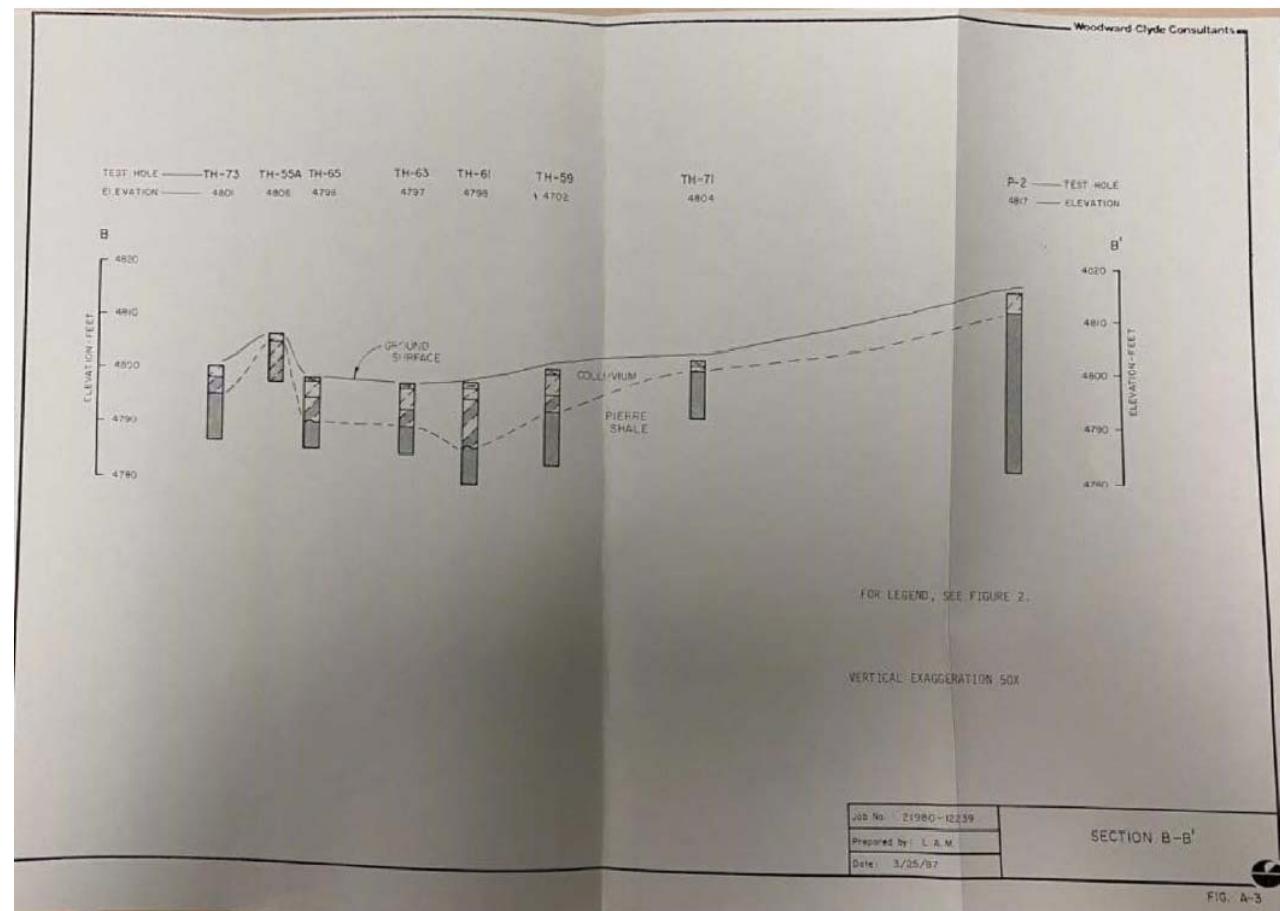


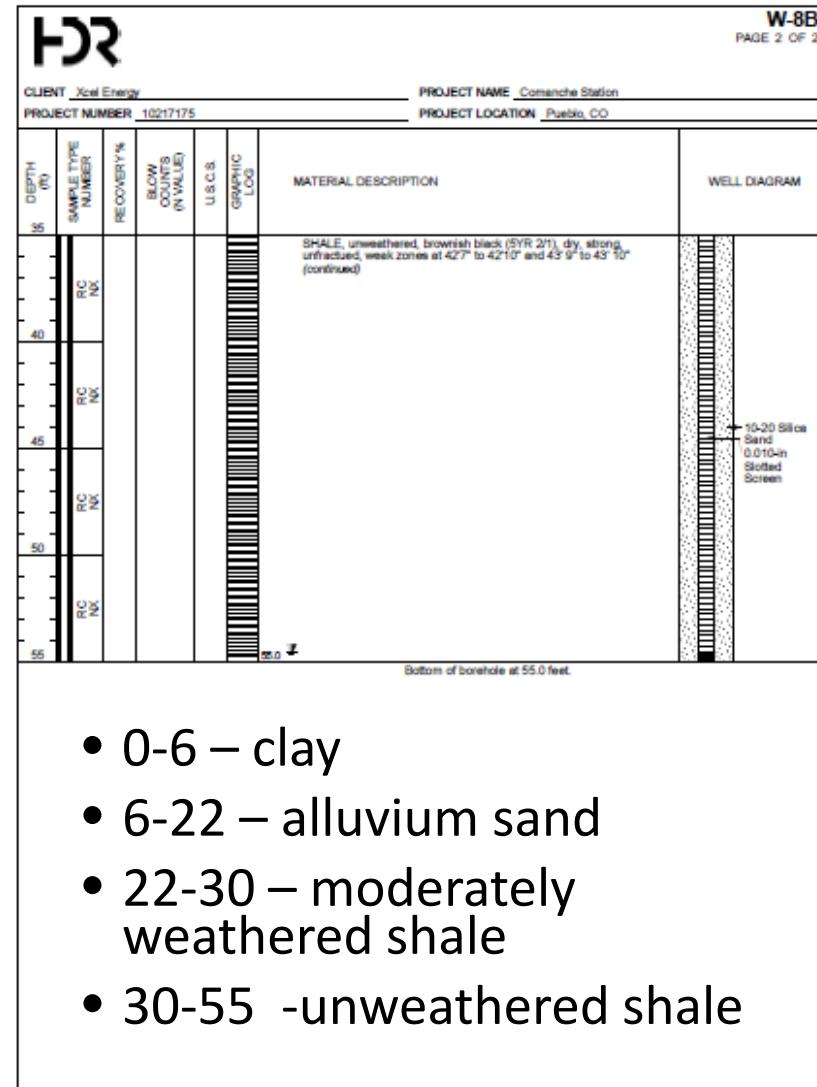
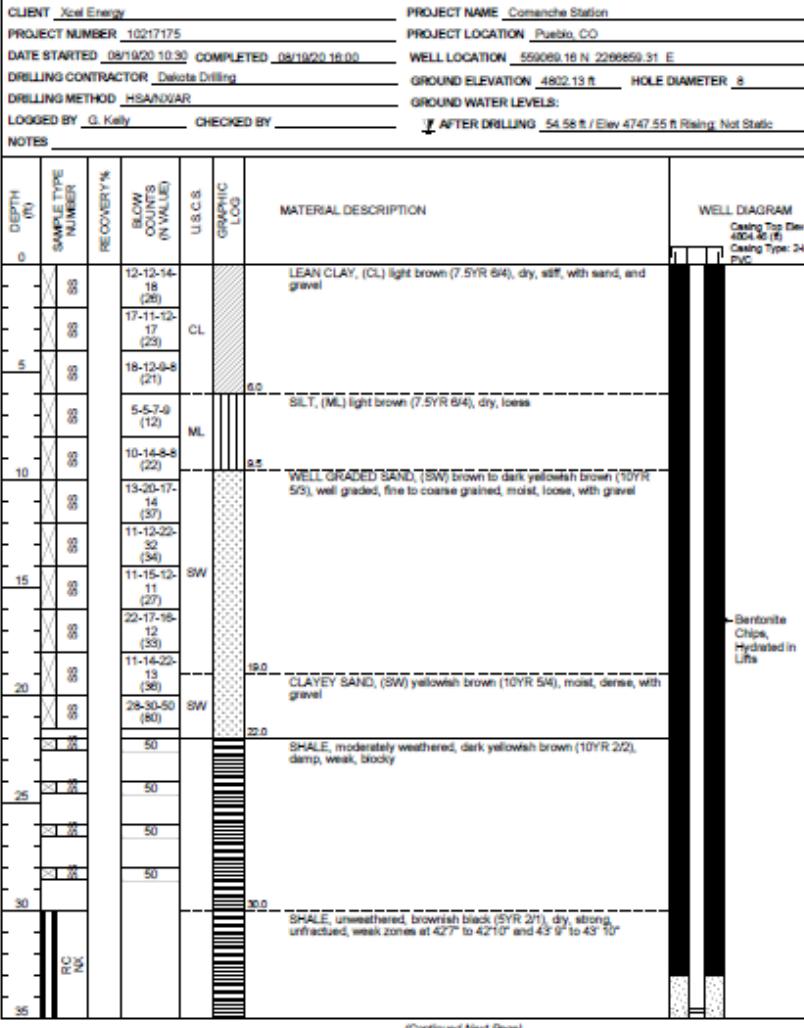
FIG. A-1



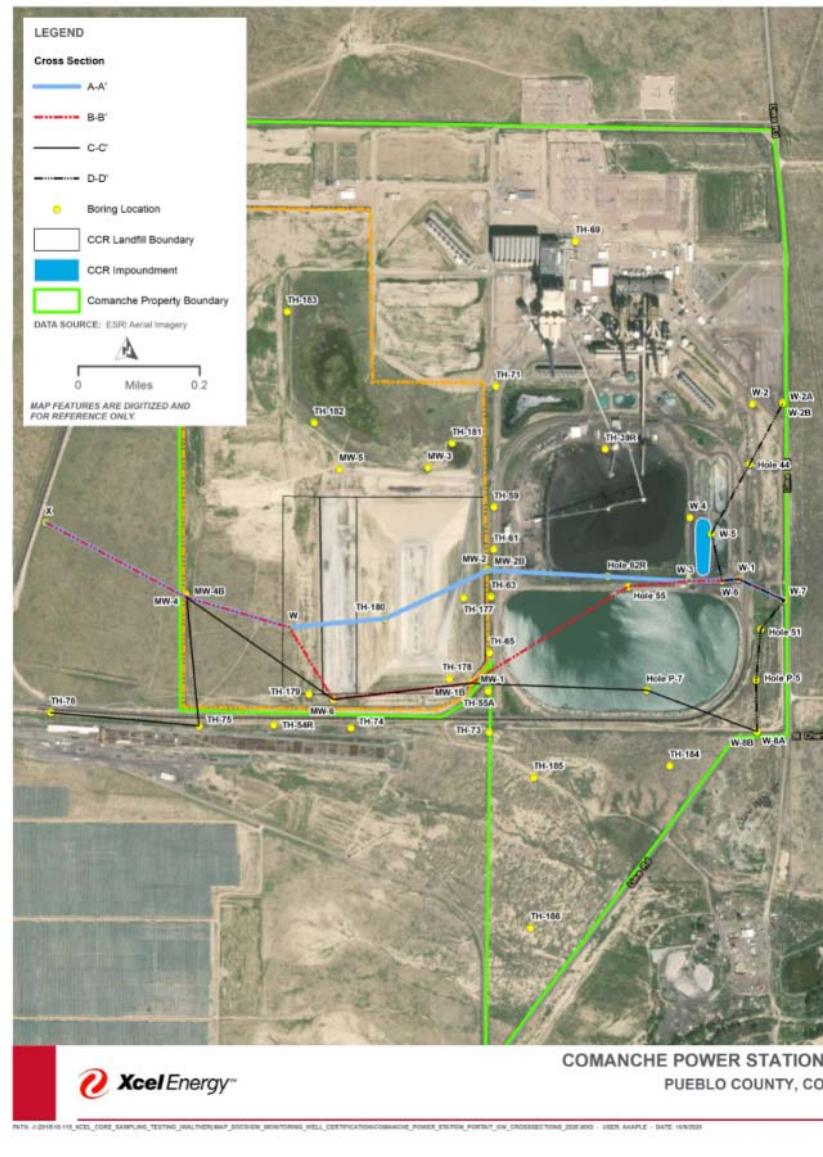
- TH-184 – 20' deep -clay to 5', sand to 9', sand w occasional cobbles to 16' (doesn't say "alluvium"), shale at 18' – **looks pretty similar to W-8**
- TH-185 -10' deep - clay to 4', above shale - **no alluvium, shallower shale**
- TH-186 – 10' deep - ?clay to 9', above shale

- TH-73 -12' deep –
clay to 4', above shale
– no alluvium shallow shale





- Map of cross section lines





CLIENT Xcel Energy

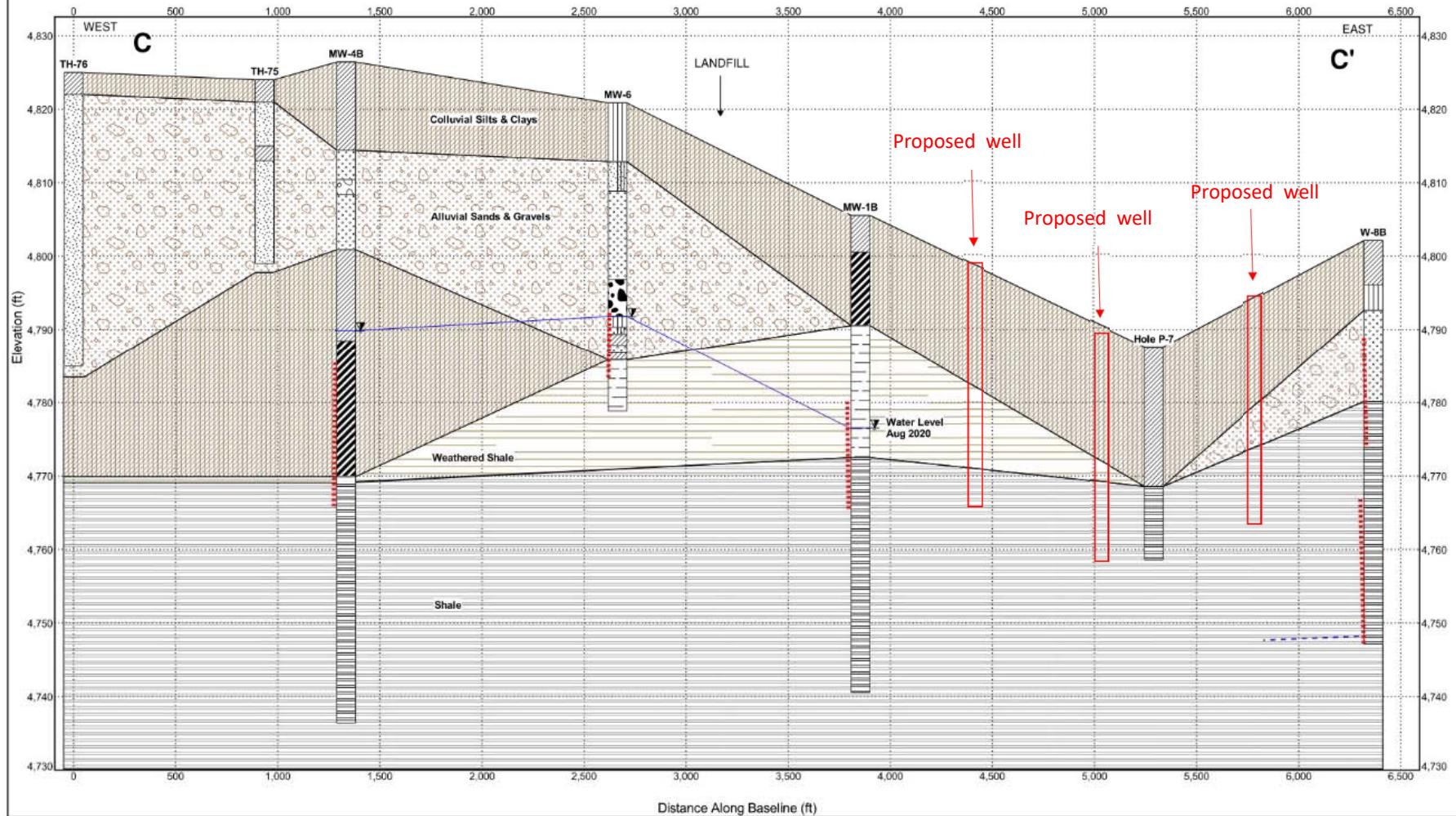
PROJECT NUMBER 10217175

SUBSURFACE DIAGRAM Comanche Southern East-West Cross Section

PROJECT NAME Comanche Station

PROJECT LOCATION Pueblo, CO

USCS Low Plasticity Clay	Shale	USCS High Plasticity Clay
Weathered Shale	USCS Well-graded Sand	Rectangular
USCS Silt	USCS Poorly-graded Sand	USCS Poorly-graded Gravel
USCS Well-graded Sand with Silt	USCS Poorly-graded Sand with Silt	USCS Well-graded Gravel
USCS Poorly-graded Sand	Well screen interval	





CLIENT Xcel Energy

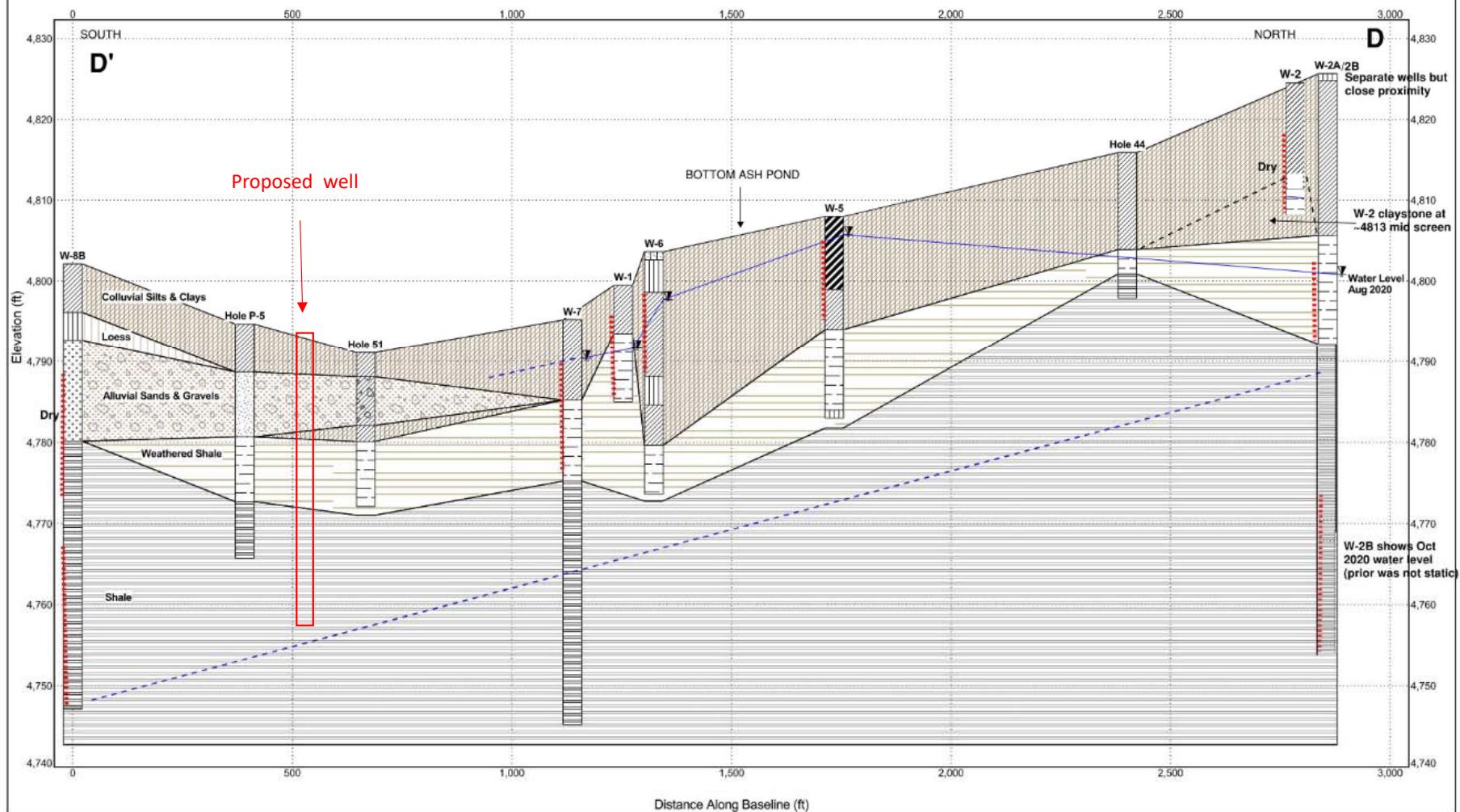
PROJECT NUMBER 10217175

SUBSURFACE DIAGRAM
Comanche Ponds Cross Section North-South

PROJECT NAME Comanche Station

PROJECT LOCATION Pueblo, CO

USCS Low Plasticity Clay	Weathered Shale	Shale
USCS Low Plasticity	USCS Poorly-graded Sand	USCS Silt
Gravelly Clay	USCS Silty Sand	USCS Well-graded Sand
USCS High Plasticity Clay		
		Well screen interval





CLIENT Xcel Energy

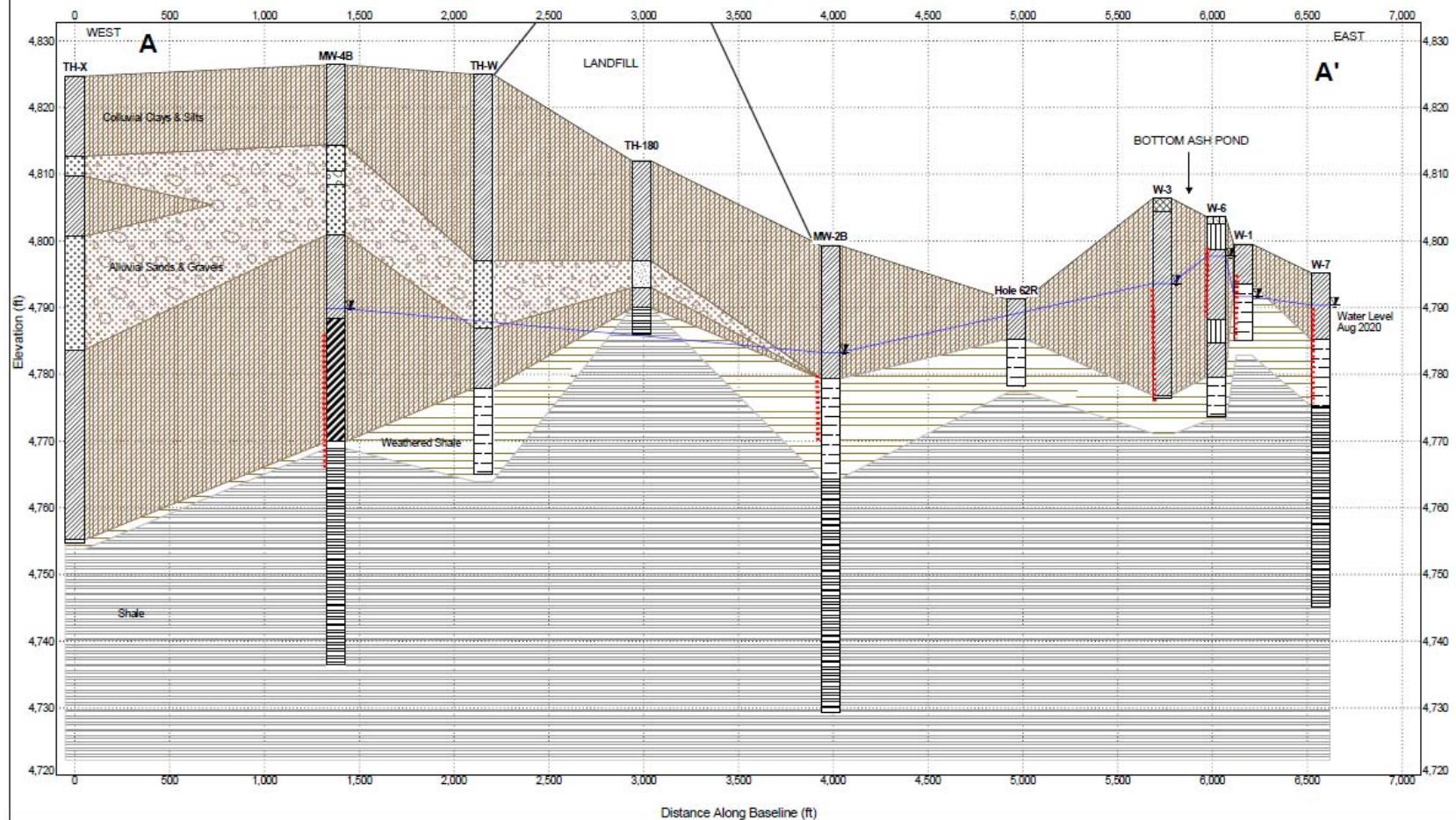
PROJECT NUMBER 10217175

SUBSURFACE DIAGRAM
Comanche Cross Section, West-East

PROJECT NAME Comanche Station

PROJECT LOCATION Pueblo, CO

USCS Low Plasticity Clay	Weathered Shale	Shale
USCS Well-graded Sand	USCS Poorly-graded Gravel	USCS High Plasticity Clay
USCS Silt	USCS Poorly-graded Sand	Fill (made ground)
USCS Silty Sand		
		Well screen interval





CLIENT Xcel Energy
PROJECT NUMBER 10217175

SUBSURFACE DIAGRAM
Comanche Cross-Section, West to East

PROJECT NAME Comanche Station
PROJECT LOCATION Pueblo, CO

USCS Low Plasticity Clay	Weathered Shale	Shale
USCS High Plasticity Clay	USCS Well-graded Sand	USCS Poorly-graded Gravel
USCS Silt	USCS Poorly-graded Sand	USCS Well-graded Gravel
USCS Well-graded Sand with Silt	With Silt	USCS Silty Sand
	Fill (made ground)	

